

LNG616&632 Voice Gateway

Overview

LNG616&632 is designed for multi_dwelling unit / multi-tenant unit (MDU / MTU) applications and is an ideal solution for legacy integration with an existing IP telephony architecture. It matches the density requirements for smaller locations while meeting service provider's demands for scalability. The compact LNG616&632 Voice Gateway is extremely scalable and supports up to 16 analog ports in various FXO/FXS configurations.

LNG616&632 is designed dedicated hardware, offering real time processing using SIP technology converting analog voice and data signal to digital, which assures high quality processing and transmission of fax and voice communications.

LNG616&632 is very easy to understand, configure, and deploy. The web is designed to provide a clean and use friendly configuration interface so that users won't get lost in complicated menus and maintenance.

Features

• Fully SIP Compliant

LNG616&632 is fully compliant with Session Initiation Protocol (RFC3261). It can work with any SIP compliant devices like IP phone, software phone, IPPBX, analog gateway, digital gateway, etc.

• VoIP to PSTN & PSTN to VoIP

LNG616&632 can bridge calls between VoIP and PATN from either direction. Calls from PSTN can reach any phone number in the VoIP network, or phones in the VoIP network can make outgoing calls through the PSTN line connected.

• Power Failure Pass Through

In the event of a power failure, calls can be made or received via a direct connection to the PSTN line, which assures the availability of communications at any situation.

• Built-in Switch with Voice Prioritization

The built-in four Ethernet ports switch can have the voice packets go first before the data packets in a network traffic jam situation.



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Software Specifications

- **Protocol**
SIP RFC3261
SDP RFC2327
RTP/RTCP
- **SIP**
SIP Trunk
SIP Register
- **Codecs**
G.711A / G.711U / G.723.1 / G.726 / G.729A / G.729AB
- **Voice Enhancement**
G.165 / G.168 echo cancellation
Dynamic Jitter Buffer
VAD / CNG
Packet Loss Compensation
- **DTMF**
In-Band DTMF / RFC2833 / SIP INFO
- **FAX**
T.38
G.711 Fax Pass-through
- **Network**
Static IP / DHCP Client
DNS
SNTP
- **QoS**
802.1Q VLAN
802.1p Priority
IP ToS
- **NAT Traversal**
Static NAT Configure
SIP Keep Alive
Register
STUN
- **Configuration**
WEB Browser
Console / Telnet
- **Firmware Upgrade**
FTP / HTTP

Hardware Specifications

- **Network Interface**
Four 10/100Mbps Auto-Sensing RJ45 ports supporting Auto MDI / MDIX
- **Analog Interface**
Up to 16 RJ11 FXS ports
Up to 8 RJ11 FXO ports
- **Power**
Input: 100~240V AC, 48~60Hz
Consumption: < 50W
- **Environmental Conditions**
Operational temperature: 0 ~ 40 °C
Storage temperature: -20°C ~ 60°C
Humidity: 20~90%, non-condensing
- **Dimensions**
Size: 435(W) x 300 (D) x 45 (H) mm

Ordering Information

Model	Description
LNG6 - 16S	16 FXS ports
LNG6 - 8S8O	8 FXS ports & 8 FXO ports

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